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Kindergarten - Second Grade Conservation Unit

Subject Name of Lesson	Iowa/ Common Core Concepts	Where to Find It @TeachersGoingGreen.com :
Mathematics		
Litter is Waste Out of Place	<ul style="list-style-type: none"> • K.CC.C. 6 Identify whether the number of objects in one group is greater than, less than, or equal to the number of objects in another group, e.g., by using matching and counting strategies. 	Kindergarten Mathematics
Edible Aquifer	<ul style="list-style-type: none"> • 1.OA.A.1 Use addition and subtraction within 20 to solve word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions, e.g., by using objects, drawings, and equations with a symbol for the unknown number to represent the problem. 	First Grade Mathematics
Geometric Jumble Recycled	<ul style="list-style-type: none"> • 2.G.A.1 Recognize and draw shapes having specified attributes, such as a given number of angles or a given number of equal faces.1 Identify triangles, quadrilaterals, pentagons, hexagons, and cubes. 	Second Grade Mathematics
Science		
Plant & Animal Habitat Slide Show	<ul style="list-style-type: none"> • K-ESS3-1 Use a model to represent the relationship between the needs of different plants and animals (including humans) and the places they live. 	Kindergarten Science
Plants & Animals, Similar & Different	<ul style="list-style-type: none"> • 1.LS1.A Structure & Function All organisms have external parts. Different animals use their body parts in different ways to see, hear, grasp objects, protect themselves, move from place to place, and seek, find, and take in food, water and air. Plants also have different parts (roots, stems, leaves, flowers, fruits) that help them survive and grow. • 1.LS1.B Growth & Development of Organisms Adult plants and animals can have young. In many kinds of animals, parents and the offspring themselves engage in behaviors that help the offspring 	First Grade Science
Critter Creations, Children & Parents	<ul style="list-style-type: none"> • 1-LS3-1 Make observations to construct an evidence-based account that young plants and animals are like, but not exactly like, their parents. • S.K-2.LS.1 Understand and apply knowledge of the characteristics of living things and how living things are both similar to and different from each other and from non-living things. <ul style="list-style-type: none"> ○ Living things share some common characteristics that are both similar to and different from non-living things. ○ Different species of plants and animals have different observable characteristics by which they can be classified. 	First Grade Science
Who Will Pollinate Our Garden?	<ul style="list-style-type: none"> • 2-LS2-2 Develop a simple model that mimics the function of an animal in dispersing seeds or pollinating plants. 	Second Grade Science



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Social Studies		
We Need Earth Game	<ul style="list-style-type: none"> • SS.K-2.G.2 Understand how geographic and human characteristics create culture and define regions. <ul style="list-style-type: none"> ○ Understand ways in which people depend on the physical environment. • SS.K-2.G.3 Understand how human factors and the distribution of resources affect the development of communities and the movement of populations. <ul style="list-style-type: none"> ○ Understand the role that resources play in human's daily lives. 	Kindergarten Social Studies
Dealing with Conflict Using Power Animals	<ul style="list-style-type: none"> • SS.K-2.BS.3 Understand interactions between self and the peer group. <ul style="list-style-type: none"> ○ Understand that people often choose to do certain things their own way. 	First Grade Social Studies
Birds of a Feather	<ul style="list-style-type: none"> • SS.K-2.BS.2 Understand all people have individual traits. <ul style="list-style-type: none"> ○ Understand that people are alike and different in many ways. ○ Understand that individuals will respond to events differently. 	Second Grade Social Studies
English Language Arts		
Haiku Poems & Wordles	<ul style="list-style-type: none"> • W.K.2 Use a combination of drawing, dictating, and writing to compose informative/explanatory texts in which they name what they are writing about and supply some information about the topic. • W.K.6 With guidance and support from adults, explore a variety of digital tools to produce and publish writing, including in collaboration with peers. 	Kindergarten English Language Arts
Using Power Animals in Storytelling	<ul style="list-style-type: none"> • W.1.5 With guidance and support from adults, focus on a topic, respond to questions and suggestions from peers, and add details to strengthen writing as needed. 	First Grade English Language Arts
Recycled Art	<ul style="list-style-type: none"> • L.2.3 Use knowledge of language and its conventions when writing, speaking, reading, or listening. 	Second Grade English Language Arts

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21st Century Skills		
Searching for Meaning through Jigsaw Discussion	<ul style="list-style-type: none"> • SS.K-2.PSCL.1 Understand the basic concepts of government and democracy and that the Constitution defines the rights and responsibilities of citizens. <ul style="list-style-type: none"> ○ Understand rights and responsibilities. 	Kindergarten 21st Century Skills
Nature Recycles, Should We?	<ul style="list-style-type: none"> • 21.K-2.ES.4 Develop initiative and demonstrate self-direction in activities. <ul style="list-style-type: none"> ○ Engage in effective problem solving process. 	First Grade 21st Century Skills
Sound Map	<ul style="list-style-type: none"> • 21.K-2.ES.1 Communicate and work appropriately with others to complete tasks. <ul style="list-style-type: none"> ○ Use different perspectives to increase innovation and the quality of work. 	Second Grade 21st Century Skills